

AMENDMENT NO. 8 TO STORMWATER FLOW MONITORING CONTRACT**CONTRACT NO. 97-065**

This AMENDMENT, entered into the last date noted below, by and among the City of Tallahassee, a municipal corporation created and existing under the laws of the State of Florida, hereinafter referred to as the "CITY", LEON COUNTY, a political subdivision of the State of Florida, hereinafter called the "COUNTY" and the Northwest Florida Water Management District, an agency operating under the authority of Chapter 373, Florida Statutes, hereinafter referred to as the "DISTRICT", provides for the continuation of the Stormwater Flow Monitoring Contract (No. 97-065) between the aforementioned parties for an additional one-year period through September 30, 2005. The compensation section of the Contract is also amended to provide an additional \$35,647.00 from the CITY and an additional \$58,279.00 from the County for a total of \$93,926.00 in compensation to the DISTRICT for the one-year continuation period.

This Contract may be continued for additional one-year periods as provided for and pursuant to the provisions of paragraph four of the original Contract.

The operation and maintenance of the Stormwater Flow Monitoring Program by the DISTRICT for the 2004/2005 contract period is described in "ATTACHMENT A (2004/2005 Revision)" which is attached hereto and made a part hereof by reference.

The CITY and the COUNTY shall have the option to separately request the DISTRICT to provide supplementary monitoring services as provided for and pursuant to the provisions of paragraph five of the original Contract. Compensation for Supplementary Monitoring services shall be invoiced to the party requesting the services in accordance with the fee schedule described in "ATTACHMENT B (2004/2005 Revision)" which is attached hereto and made part hereof by reference. All supplementary services shall be invoiced quarterly to the party requesting the services as provided for and pursuant to the provisions of paragraph six of the original Contract.

Supplementary monitoring services requested by the COUNTY are described in "ATTACHMENT C (2004/2005 Revision)" which is attached hereto and made a part hereof by reference.

All other items and conditions of the original Contract remain in full force and effect.

The parties hereto have duly executed this AMENDMENT in quintuplicate on the day and year indicated below, to indicate the continued performance under the Contract through September 30, 2005.

LEON COUNTY, FLORIDA

By: _____
Chairman, Board of County Commissioners

ATTEST:
Bob Inzer, Clerk of the Court
Leon County, Florida

Approved as to Form:
Leon County Attorney's Office

By: _____

By: _____
Herbert W. A. Thiele, Esq.

CITY OF TALLAHASSEE

ATTEST:

By: [Signature]
City Treasurer-Clerk

By: [Signature]
City Manager

Date: 12-10-04

Approved as to Form:
City Attorney's Office

By: [Signature]
City Attorney

**NORTHWEST FLORIDA
WATER MANAGEMENT DISTRICT**

By: [Signature]
Douglas E. Barr
Executive Director

Date: 11/06/04

**ATTACHMENT A
(2004/2005 Revision)**

The Stormwater Flow Monitoring Program includes thirty one surface water and rainfall data collection stations in the City of Tallahassee and Leon County. The cost estimates and scope of work for maintaining and operating this program are outlined below.

This monitoring program is intended to collect dry weather and storm event stage and discharge data at major outfall locations in Leon County and the City of Tallahassee, Florida. The data collected in this program will aid in partially fulfilling U.S. Environmental Protection Agency National Pollutant Discharge Elimination System (NPDES) stormwater regulation requirements. More specifically the data will: provide continuing records of precipitation and surface water discharges; provide flow volumes which will aid in estimating annual pollutant loads; aid to verify improvements as a result of actions taken under the City/County Comprehensive Stormwater Management Plan. The data will also be needed for updating hydrologic and flooding elevation data as actual growth and development occurs. The continuation of this monitoring program is recommended as part of the Comprehensive Stormwater Management Plan.

Monitoring Station Descriptions

<u>Station Type</u>	<u>Number of Sites</u>	<u>Station Map Number (see attached map)</u>
Stream Discharge	12	4, 6, 10, 14, 15, 20, 22, 31, 72, 100, 128, 149
Stream Stage	6	3, 19, 35, 39, 70, 125
Rainfall station	<u>13</u>	601, 602, 605, 606, 610, 613, 616, 618, 623, 626, 628, 631, 125
Total Stations	31	

Annual Station Operation and Maintenance ⁽¹⁾

<u>Station Type</u>	<u>Annual Cost</u>	<u>No. of Stations</u>	<u>Total Cost</u>
Stream Discharge Station	\$2,955.00	12	\$35,460.00
Stage Level Station	\$1,886.00	6	\$11,316.00
Rainfall Station	\$1,886.00	13	\$24,518.00

TOTAL PROJECT COST \$71, 294.00

City of Tallahassee Annual Cost (50% of Total Project Cost) \$35,647.00

Leon County Annual Cost (50% of Total Project Cost) \$35,647.00

- (1) Station Operation and Maintenance includes: maintenance, operation, data retrieval in a computerized machine readable format, discharge measurements at stream stations, computation of station flow rating, storage of data in District Surface Water Database, monthly data reports, and delivery of digital data collected on the Project.

ATTACHMENT B
(2004/2005 Revision)

Revised Cost Schedule – Amendment No.8
Supplementary Monitoring Services

Pursuant to Paragraph 4 of Amendment No. 8 to the Stormwater Flow Monitoring Contract, a revised fee schedule is provided for installation, operation and maintenance of additional monitoring stations as requested by the City or County.

<u>A. Stream Station Installation Costs</u>	<u>Unit Price</u>
Construction materials and supplies	\$ 150.00
Data logger, battery, cables	\$1,300.00
Water level sensor (high res., w/lightning grd sys.)	\$1,200.00
Station installation labor	\$ 800.00
Stream Station Installation Cost:	\$3,450.00

<u>B. Rainfall Station Installation Costs</u>	<u>Unit Price</u>
Construction materials and supplies	\$ 150.00
Data logger, battery, cables	\$1,300.00
Hydrologic Services – TB3 tipping bucket w/mount	\$ 900.00
Station installation labor	\$ 800.00
Rainfall Station Installation Cost:	\$3,150.00

Station Operation and Maintenance Costs

<u>Station Type</u>	<u>Annual Station Cost (1)</u>
Stage or Rainfall Station Operational Cost	\$1,886.00

(1) Annual cost for Station Operation and Maintenance is \$1,886.00 for stream and rainfall stations. Station Operation and Maintenance costs will be billed on a quarterly basis for 25% of the Annual Cost for each station and include: maintenance, operation, data retrieval in a computerized machine readable format, storage of data in District's Surface Water Database, monthly data reports, and delivery of digital data collected on the Project.

Stormwater Monitoring Project

Supplementary Monitoring Services - Leon County

Monitoring Station Description

<u>Station Type</u>	<u>Number of Sites</u>	<u>Station Location (Station map number)</u>	<u>Annual Cost (1)</u>
Stream Stage	1	Gum Swamp Outfall (74)	\$1,886.00
Stream Stage	3	Munson Slough restoration sites (645, 646, 647)	\$5,658.00
Rainfall	1	Commonwealth Blvd (648)	\$1,886.00
Rainfall	3	Capital Area Flood Warning Network (654, 803, 804)	\$5,658.00
Stage/Rainfall	4	Capital Area Flood Warning Network (555, 806, 808, 810)	\$7,544.00

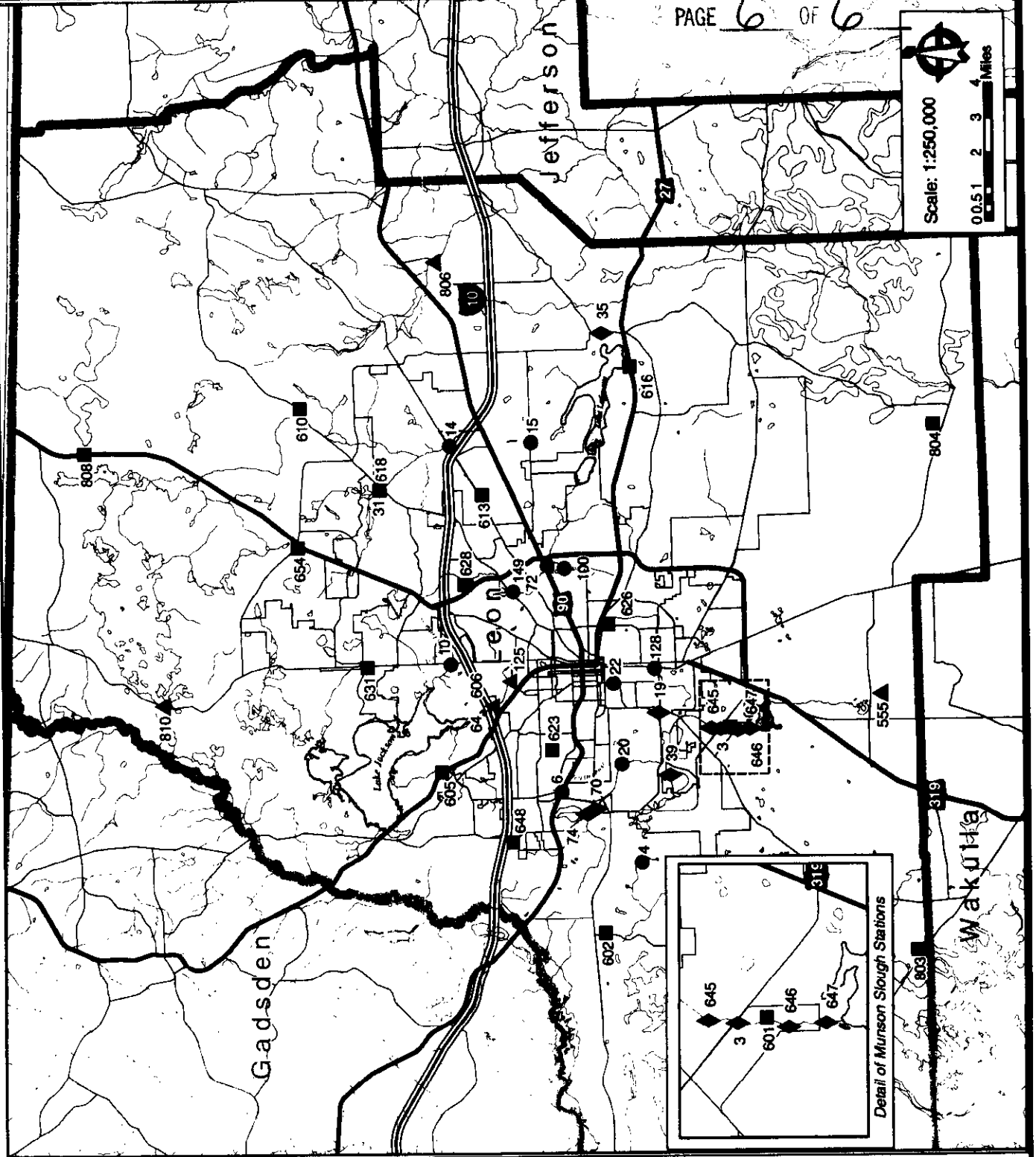
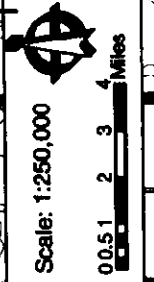
TOTAL SUPPLEMENTARY SERVICES COST **\$22,632.00**

- (1) Annual cost for Station Operation and Maintenance is \$1,886.00 for stream and rainfall stations. Station Operation and Maintenance costs will be billed on a quarterly basis for 25% of the Annual Cost for each station and include: maintenance, operation, data retrieval in a computerized machine readable format, storage of data in District's Surface Water Database, monthly data reports, and delivery of digital data collected on the Project.

City of Tallahassee/Leon County Stormwater Monitoring Project

ATTACHMENT #

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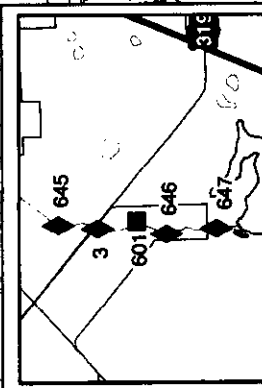
NWFWMD Stations

- ◆ Stage
- Rainfall
- Discharge
- ▲ Stage/Rain

CAFWN Stations

- ◆ Stage
- Rainfall
- ▲ Stage/Rain

- City Limits
- U.S. Highways
- Leon County
- === Interstate Highways
- State Highways
- Major Streets and Roads
- Hydrography (USGS)



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